

memorandum

DATE: May 7, 2010

REPLY TO
ATTN OF: KEC-4

SUBJECT: Environmental Clearance Memorandum

TO: Johny Luiz – TEP-CSB-2

Proposed Action: Redmond Substation 230-115-kV Transformer Addition

Budget Information: Work Order # 238119

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): B4.6

“Additions/modifications to electric power transmission facilities within previously developed area.”

Location: Redmond Substation, Deschutes County, Oregon

Proposed by: Bonneville Power Administration (BPA)

Description of the Proposed Action: BPA proposes to rearrange the 230-115-69-kV yard to install a new 230-115-kV transformer that would increase system reliability by decreasing thermal overloads, voltage violations, and outages caused by the existing 230-115-kV transformer. The new transformer would be located on the north side of the substation above the existing paved access road. A new paved access road would be created approximately 20 feet to the north of the substation yard. Portions of the north and east side fences would be moved an additional 25 feet. All activities would occur on previously disturbed soils within BPA’s property boundary.

To accommodate the new transformer, modifications to existing equipment and installation of new equipment would occur at nearly all of the 23 bays within the substation yard; four wood poles would be relocated or erected on the north, west and east sides of the substation; and the control house would be expanded 20 feet within the substation yard. The work would occur in multiple phases over one and a half years beginning in the spring of 2010. The transmission lines would be relocated as follows: 69-kV line would be moved from Bay 5 to Bay 2; the 115-kV Central Electric Cooperative (CEC) line would be moved from Bay 13 to Bay 15; the 115-kV Pacificorp (PAC) line would be moved from Bay 12 to Bay 14; and the 230-kV line would be moved from Bay 17 to Bay 23.

Findings: BPA has determined that the proposed action complies with Section 1021.410 and Appendix B of Subpart D of the Department of Energy’s (DOE) National Environmental Policy Act (NEPA) Regulations (57 FR 15144, Apr. 24, 1992, as amended at 61 FR 36221-36243, July 9, 1996; 61 FR 64608, Dec. 6, 1996). The proposed action does not present any extraordinary circumstances that may affect the significance of the environmental effects of the proposal. The proposal is not connected [40 C.F.R. 1508.25(a)(1)] to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively

significant impacts [40 C.F.R. 1508.25(a)(2)], and is not precluded by 40 C.F.R. 1506.1 or 10 C.F.R. 1021.211. Moreover, the proposed action would not (i) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, (ii) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities, (iii) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation and Liability Act-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases, or (iv) adversely affect environmentally sensitive resources.

This proposed action meets the requirements for the Categorical Exclusion referenced above. We therefore determine that the proposed action may be categorically excluded from further NEPA review and documentation.

/s/ Rick Yarde for
Stephanie Breeden
Environmental Project Manager

Concur:

/s/ Donald Rose for
Katherine S. Pierce
NEPA Compliance Officer

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